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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/616,865	07/09/2003	Martha Karen Newell	V00139.70071.US

CONFIRMATION NO. 1471

## FORMALITIES LETTER



\*OC000000011072741\*

Helen C. Lockhart, Ph.D.  
 Wolf, Greenfield & Sacks, P.C.  
 600 Atlantic Avenue  
 Boston, MA 02210

Date Mailed: 10/21/2003

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 385 to complete the basic filing fee for a small entity.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
  - The drawings must be reasonably free from erasures and must be free from alterations, overwriting, interlineations, folds, and copy marks. See Figure(s) 1-25.
  - Numbers, letters, and reference characters on the drawings must measure at least 0.32 cm (1/8 inch) in height. See Figure(s) 1a-b, 3-4, 8, 11a-c, 14, 19, 25.
- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer

readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

**For questions regarding compliance to these requirements, please contact:**

- **For Rules Interpretation, call (703) 308-4216**
- **To Purchase PatentIn Software, call (703) 306-2600**
- **For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)**

**SUMMARY OF FEES DUE:**


Total additional fee(s) required for this application is **\$450** for a Small Entity

- **\$385** Statutory basic filing fee.
- **\$65** Late oath or declaration Surcharge.

Replies should be mailed to:   Mail Stop Missing Parts  
  Commissioner for Patents  
  P.O. Box 1450  
  Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*

  
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Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 3 - OFFICE COPY

**Effective OCTOBER 1, 2003**, Patent Fees will be adjusted. Please note that fee amounts required by the enclosed Notice might reflect the fees due on the date of filing. Any fee paid on or after OCTOBER 1, 2003 is subject to the new FY 2004 fee schedule and must be paid in the new amount.

**EXAMPLES OF FEES BEING ADJUSTED**

See [www.uspto.gov](http://www.uspto.gov) for complete FY 2003  
and FY-2004 Fee Schedules

\* Indicates  
fees remain  
at FY 2003  
amount

DESCRIPTION	FY 2003	FY 2004
Basic filing fee - Utility	<b>\$750</b>	<b>\$770</b>
Basic filing fee - Utility (Small Entity)	<b>\$375</b>	<b>\$385</b>
Independent claims in excess of three	<b>\$84</b>	<b>\$86</b>
Independent claims in excess of three (Small Entity)	<b>\$42</b>	<b>\$43</b>
Claims in excess of twenty	<b>\$18</b>	<b>\$18*</b>
Claims in excess of twenty (Small Entity)	<b>\$9</b>	<b>\$9*</b>
Multiple dependent claim	<b>\$280</b>	<b>\$290</b>
Multiple dependent claim (Small Entity)	<b>\$140</b>	<b>\$145</b>
Surcharge - Late filing fee	<b>\$130</b>	<b>\$130</b>
Surcharge - Late filing fee (Small Entity)	<b>\$65</b>	<b>\$65</b>
Design filing fee	<b>\$330</b>	<b>\$340</b>
Design filing fee (Small Entity)	<b>\$165</b>	<b>\$170</b>
Plant filing fee	<b>\$520</b>	<b>\$530</b>
Plant filing fee (Small Entity)	<b>\$260</b>	<b>\$265</b>
Reissue filing fee	<b>\$750</b>	<b>\$770</b>
Reissue filing fee (Small Entity)	<b>\$375</b>	<b>\$385</b>
Reissue independent claims	<b>\$84</b>	<b>\$86</b>
Reissue independent claims (Small Entity)	<b>\$42</b>	<b>\$43</b>
Reissue claims in excess of twenty	<b>\$18</b>	<b>\$18*</b>
Reissue claims in excess of twenty (Small Entity)	<b>\$9</b>	<b>\$9*</b>
Provisional application filing fee	<b>\$160</b>	<b>\$160*</b>
Provisional application filing fee (Small Entity)	<b>\$80</b>	<b>\$80*</b>
Surcharge - Late provisional filing fee	<b>\$50</b>	<b>\$50*</b>
Surcharge - Late provisional filing fee (Small Entity)	<b>\$25</b>	<b>\$25*</b>
Non-English Specification	<b>\$130</b>	<b>\$130*</b>
Extension - First month	<b>\$110</b>	<b>\$110*</b>
Extension - First month (Small Entity)	<b>\$55</b>	<b>\$55*</b>
Extension - Second month	<b>\$410</b>	<b>\$420</b>
Extension - Second month (Small Entity)	<b>\$205</b>	<b>\$210</b>
Extension - Third month	<b>\$930</b>	<b>\$950</b>
Extension - Third month (Small Entity)	<b>\$465</b>	<b>\$475</b>
Extension - Fourth month	<b>\$1,450</b>	<b>\$1,480</b>
Extension - Fourth month (Small Entity)	<b>\$725</b>	<b>\$740</b>
Extension - Fifth month	<b>\$1,970</b>	<b>\$2,010</b>
Extension - Fifth month (Small Entity)	<b>\$985</b>	<b>\$1,005</b>
Petition	<b>\$130</b>	<b>\$130*</b>
Processing returned checks	<b>\$50</b>	<b>\$50*</b>

**For further fee information, please call  
(703-308-HELP)**